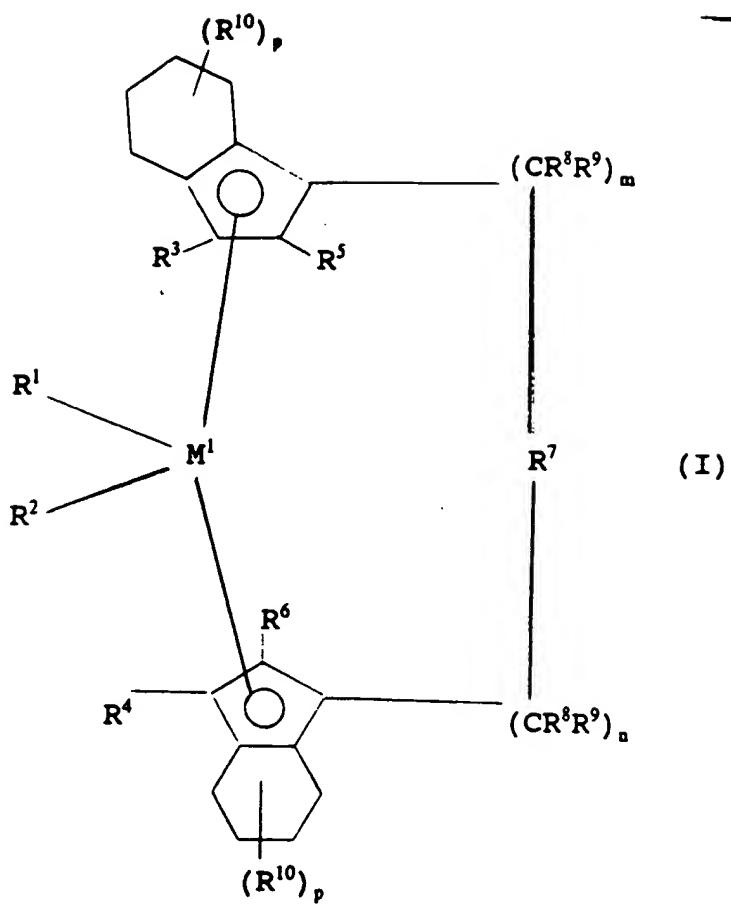
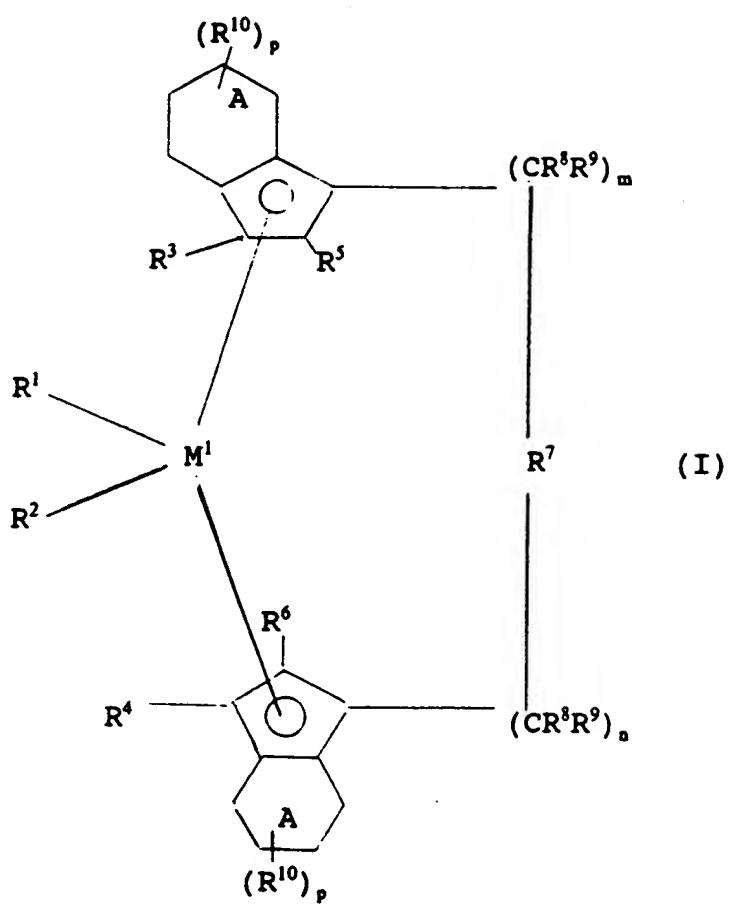


Reissue of U.S. Patent 5,276,208

HOE 90/F 333C





in which

M^1 is a metal from group IVb, Vb or VIb of the Periodic Table

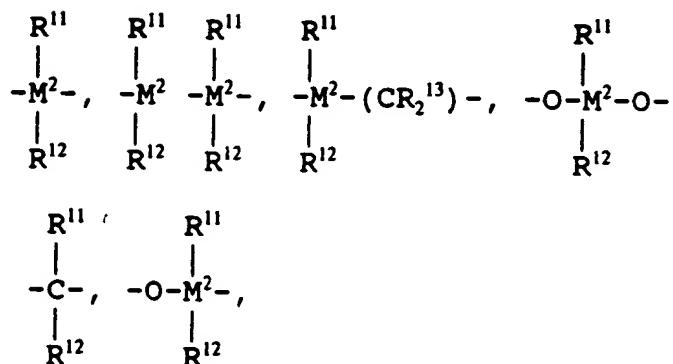
R^1 and R^2 are identical or different and are a hydrogen atom, a C_1 - C_{10} -alkyl

group, a C_1 - C_{10} -alkoxy group, a C_6 - C_{10} -aryl group, a C_6 - C_{10} -aryloxy group, a C_2 - C_{10} -alkenyl group, a C_7 - C_{40} -arylalkyl group, a C_7 - C_{40} -alkylaryl group, a C_8 - C_{40} -arylalkenyl group or a halogen atom,

R^3 and R^4 are identical or different and are a hydrogen atom, a halogen atom, [a halogen atom,] a C_1 - C_{10} -alkyl group, which is optionally halogenated, a C_6 - C_{10} -aryl group, an $-NR_2^{15}$, $-SR^{15}$, $-OSiR_3^{15}$, $-SiR_3^{15}$ or $-PR_2^{15}$ radical in which R^{15} is a halogen atom, a C_1 - C_{10} -alkyl group or a C_6 - C_{10} -aryl group,

R^5 and R^6 are identical or different and are as defined for R^3 and R^4 , with the proviso that R^5 and R^6 are not hydrogen,

R^7 is



B
DK CO

= BR^{11} , = AlR^{11} , -Ge-, -Sn-, -O-, -S-, = SO , = SO_2 , = NR^{11} , = CO , = PR^{11} or
= $P(O)R^{11}$,

where

R^{11} , R^{12} and R^{13} are identical or different and are a hydrogen atom, a halogen atom, a C_1 - C_{10} -alkyl group, a C_1 - C_{10} -fluoroalkyl group, a C_6 - C_{10} -aryl group, a C_6 - C_{10} -fluoroaryl group, a C_1 - C_{10} -alkoxy group, a C_2 - C_{10} -alkenyl group, a C_7 - C_{40} -arylalkyl group, a C_8 - C_{40} -arylalkenyl group or a C_7 - C_{40} -alkylaryl group, or a pair of substituents R^{11} and R^{12} or R^{11} and R^{13} in each case with the atoms connecting them, form a ring,

M^2 is silicon, germanium or tin,

R^8 and R^9 are identical or different and are as defined for R^{11}

m and n are identical or different and are zero, 1 or 2, m plus n being zero, 1 or 2, [and]

the radicals R^{10} are identical or different and are as defined

for R^{11} , R^{12} and R^{13} .

rings A are saturated or aromatic.

B
C
Sub cont'd

p
p

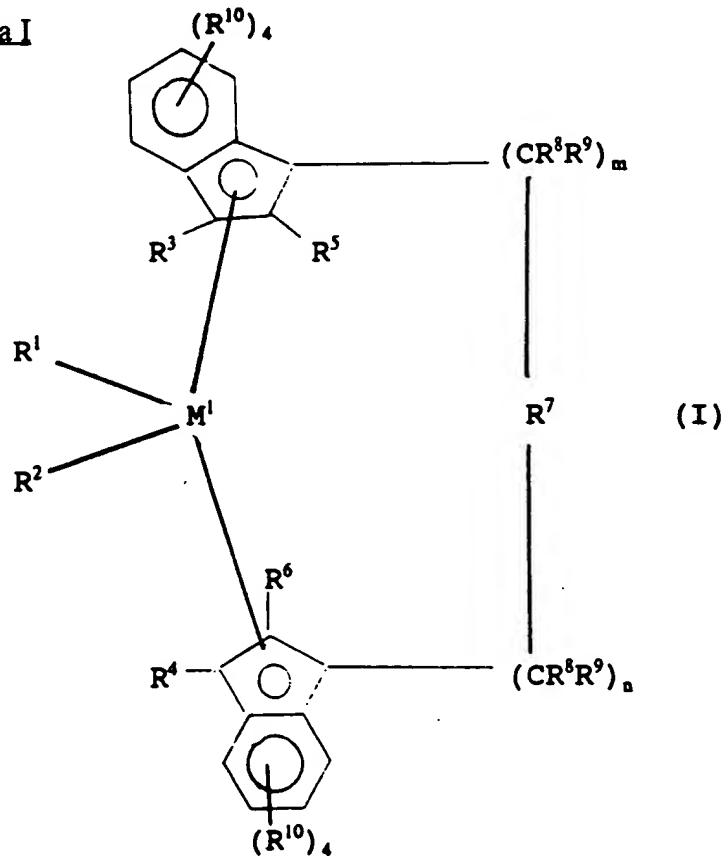
is 8, when rings A are saturated, and
is 4, when rings A are aromatic. --

Please cancel the duplicate "claim 1" on page 19 of the application (following claim 15).

Please cancel claims 16 to 18, and insert the following new claims therefor.

19.

A compound of the formula I



in which

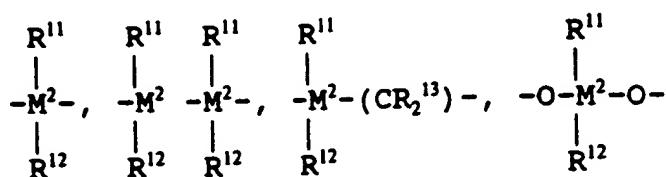
M^1 is a metal from group IVb, Vb or VIb of the Periodic Table.

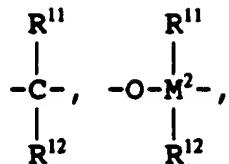
R^1 and R^2 are identical or different and are a hydrogen atom, a C_1 - C_{10} -alkyl group, a C_1 - C_{10} -alkoxy group, a C_6 - C_{10} -aryl group, a C_6 - C_{10} -aryloxy group, a C_2 - C_{10} -alkenyl group, a C_7 - C_{40} -arylalkyl group, a C_7 - C_{40} -alkylaryl group, a C_8 - C_{40} -arylalkenyl group or a halogen atom.

R^3 and R^4 are identical or different and are a hydrogen atom, a halogen atom, a C_1 - C_{10} -alkyl group, which is optionally halogenated, a C_6 - C_{10} -aryl group, an $-NR_2^{15}$, $-SR^{15}$, $-OSiR_3^{15}$, $-SiR_3^{15}$ or $-PR_2^{15}$ radical in which R^{15} is a halogen atom, a C_1 - C_{10} -alkyl group or a C_6 - C_{10} -aryl group.

R^5 and R^6 are identical or different and are as defined for R^3 and R^4 , with the proviso that R^5 and R^6 are not both hydrogen.

R^7 is





=BR¹¹, =AlR¹¹, -Ge-, -Sn-, -O-, -S-, =SO, =SO₂, =NR¹¹, =CO, =PR¹¹ or =P(O)R¹¹.

where

R¹¹, R¹² and R¹³ are identical or different and are a hydrogen atom, a halogen atom, a C₁-C₁₀-alkyl group, a C₁-C₁₀-fluoroalkyl group, a C₆-C₁₀-aryl group, a C₂-C₁₀-alkenyl group, a C₇-C₄₀-arylalkyl group, a C₈-C₄₀-arylalkenyl group or a C₇-C₄₀-alkylaryl group, or a pair of substituents R¹¹ and R¹² --or R¹¹ and R¹³, in each case with the atoms connecting them, form a ring.

M² is silicon, germanium or tin.

R⁸ and R⁹ are identical or different and are as defined for R¹¹.

m and n are identical or different and are zero, 1 or 2, m plus n being zero, 1 or 2.

the radicals R¹⁰ are the same or different and are as defined for R¹¹, R¹² and R¹³.

20. A compound as claimed in claim 19, wherein:

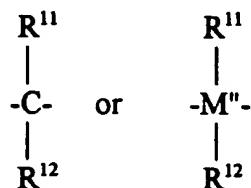
M¹ is titanium, zirconium, hafnium, vanadium, niobium, or tantalum,

R¹ and R² are identical or different and are methyl or halogen,

R³ and R⁴ are hydrogen,

R⁵ and R⁶ are identical or different and are methyl, ethyl, or trifluoromethyl,

R⁷ is a radical of the formula



where M'' is silicon or germanium, and

R⁸ and R⁹ are identical or different and are hydrogen or C₁-C₁₀-alkyl--

Please cancel claims 16 to 18, and insert the following new claims therefor.

21. A catalyst composition comprising the combination comprising a compound of claim 19 and a cocatalyst.